

SITE UTILITY NOTES

1. ALL UTILITY INSTALLATION SHOULD BE PER TOWN OF BLACKSBURG STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE MENTIONED.

2. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.

3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.

4. SITE CONTRACTOR TO INSTALL TEMPORARY UTILITY SERVICES TO THE STAGING AREA. SERVICES TO INCLUDE AT A MINIMUM ELECTRIC, WATER AND PHONE HOOK-UPS.

5. SANITARY SEWER PIPE SHALL BE AS FOLLOWS:

8" PVC SDR35 PER ASTM D 3034, FOR PIPES LESS THAN 12' DEEP

8" PVC SDR26 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP

6" PVC SCHEDULE 40

DUCTILE IRON PIPE PER AWWA C150

6. WATER LINES SHALL BE AS FOLLOWS:

6" AND LARGER, PVC C-900 PER ASTM D 2241

CLASS 200 UNDER COUNTY ROADS, OTHERWISE CLASS 150

6" AND LARGER DUCTILE IRON PIPE PER AWWA C150

SMALLER THAN 6" EITHER COPPER TUBE TYPE "L" (SOFT) PER ANSI 816.22 OR PVC, 200 P.S.I., PER ASTM D1784 AND D2241.

7. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.

8. ALL WATER JOINTS ARE TO BE PER TOWN OF BLACKSBURG STANDARDS AND SPECIFICATIONS.

9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4'-0" COVER ON ALL WATERLINES.

10. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.

11. TOPS OF EXISTING MANHOLES SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.

12. DRAWINGS DO NOT PROPOSE TO SHOW ALL EXISTING UTILITIES.

13. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.

14. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.

15. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (TOWN OF BLACKSBURG) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.

16. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELECTION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

17. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCES BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.

18. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.

19. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLAN.

22. BACK FLOW PREVENTION TO BE PROVIDED BY THE OWNER AND INSTALLED WITHIN BUILDING SHOWN ON ARCHITECT PLANS.

23. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF BLACKSBURG STANDARDS AND SPECIFICATIONS.

24. ALL UTILITIES WILL BE VISUALLY INSPECTED BY THE TOWN'S INSPECTOR PRIOR TO BACKFILLING TRENCHES.

25. PAVEMENT WORK WITHIN THE RIGHT-OF-WAY REQUIRES THE FOLLOWING INSPECTIONS.

A. SUBGRADE PRIOR TO PLACEMENT OF BASE STONE

B. BASE STONE PRIOR TO PLACEMENT OF PAVEMENT

C. PAVEMENT

26. THE TOWN WILL TAP EXISTING WATERLINES AND PROVIDE THE METERS AT THE OWNERS EXPENSE.

27. A PRE-CONSTRUCTION MEETING WILL BE HELD PRIOR TO BEGINNING CONSTRUCTION.
28. IT IS THE CONTRACTOR RESPONSIBILITY TO MEET COMPLIANCE REQUIREMENTS WITH 59.1-406, ET. SEQ. OF THE CODE OF VIRGINIA (OVERHEAD HIGH VOLTAGE LINES SAFETY ACT)

29. THE CONTRACTOR SHALL PLUG WITH AN ANGLE WING NUT TEST PLUG THE CONNECTION OF PROPOSED TO EXISTING SANITARY SEWER. THE PLUG SHALL BE MAINTAINED IN PLACE UNTIL SUCH TIME AS THE SEWER IS COMPLETED, INSPECTED, AND ACCEPTED BY THE TOWN. FAILURE OF THE CONTRACTOR TO APPROPRIATELY INSTALL AND MAINTAIN THIS PLUG SHALL CAUSE HIM TO BE LIABLE FOR ANY RESULTING BLOCKAGES OR REPAIRS TO THE EXISTING SEWER.

30. SEE UTILITY PLANS FOR ADDITIONAL UTILITY NOTES.

31. CONTRACTOR TO COORDINATE THE INSTALLATION/CONSTRUCTION OF OFF SITE SS IMPROVEMENTS TO BE PERFORMED BY THE TOWN OF BLACKSBURG.

32. ALL PIV'S TO BE INSTALLED ON THE EXTERIOR WALL DIRECTLY ABOVE FIRE SUPPRESSION LINE ENTRY POINT. ADDITIONAL INFORMATION REGARDING EXACT LOCATION TO BE COORDINATED WITH ARCHITECT.



TOWN ENGINEER	DATE
TOWN PLANNER	DATE